

Title (en)

METHOD AND APPARATUS FOR GENERATING A VISIBLE IMAGE WITH AN INFRARED TRANSMISSIVE WINDOW

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ERZEUGUNG EINES SICHTBAREN BILDES MIT EINEM INFRAROTDURCHLÄSSIGEN FENSTER

Title (fr)

PROCEDE ET DISPOSITIF DESTINES A PRODUIRE UNE IMAGE VISIBLE AU MOYEN D'UNE FENETRE DE TRANSMISSION INFRAROUGE

Publication

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Application

**EP 01992371 A 20011220**

Priority

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Abstract (en)

[origin: WO0251136A2] A vehicle (10) includes an infrared imaging system (11). The system includes an infrared camera (12) positioned in the center of the front grille of the vehicle. The infrared camera includes a window (13) that has a holographic fringe pattern (14) which cooperates with visible light rays (27, 47, 52, 57) to generate an image (29) that is visible at a location spaced from the vehicle. The visible image may, for example, be a trademark or other symbol identifying the manufacturer of the vehicle. Infrared radiation (31) passes through the element and the structure thereof without significant change, and is detected by an infrared detector (33). A visible image corresponding to the infrared radiation is ultimately displayed by a head up display (19) on a portion (16) of the vehicle windshield (17).

IPC 8 full level

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